

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street Artesia, NM 88210-1404  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837
		API Number 30-015-25072
Property Code	Property Name Oryx State	Well No. 1

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	16S	27E		990	South	2180	West	Eddy

**Proposed Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Unders. Duffield, Strawn GAS					Proposed Pool 2 Wolfcamp				

Work Type Code E Multiple No	Well Type Code G Proposed Depth 8300	Cable/Rotary R Strawn	Lease Type Code S Contractor	Ground Level Elevation 3566 Spud Date 1/15/2005
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**Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	360	400	Surface
12 1/4	8 5/8	24	1500	700	Surface
7 7/8	5 1/2	17	8300	1400	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mack Energy Corporation proposes to Re-enter the formerly Duffield 16 State Com #1 now Oryx State #1 to a depth of 8300' log well and evaluate the Strawn, Cisco and Wolfcamp formation. Run 5 1/2 casing and cement, attempt to produce. Put well on production.

**RECEIVED**

**JAN 07 2005**

**OCD-ARTESIA**

NSL-5160

I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature: <i>Jerry W. Sherrell</i> Printed name: Jerry W. Sherrell Title: Production Clerk Date: 1/5/2005		OIL CONSERVATION DIVISION Approval by: <i>[Signature]</i> <b>TIM W. GUM</b> Title: <b>DISTRICT II SUPERVISOR</b> Approval Date: <b>FEB 08 2005</b> Expiration Date: <b>FEB 08 2006</b> Conditions of Approval: Attached <input type="checkbox"/>	
Phone: (505)748-1288			

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Mack Energy Corporation</b>			Lease <b>Oryx State</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>16</b>	Township <b>16S</b>	Range <b>27E</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>990 feet from the</span> <span>South line and</span> <span>2180 feet from the</span> <span>West line</span> </div>					
Ground Level Elev. <b>3566.3</b>	Producing Formation <b>Strawn</b>		Pool <b>Diamond Mound</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes   ☐ No   If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Darrell Roberts*

Name  
**Darrell Roberts**

Position  
**Operations Engineer**

Company  
**Southland Royalty Company**

Date  
**8-6-85**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**Nov. 2, 1984**

Registered Professional Engineer and/or Land Surveyor

*John W. Whit*